



Thalassiosira pseudonana

A diatom

General

1. Occurs singly or in chains up to 6 cells long

Geography and Habitat

1. Native: Unclear. Recorded in freshwater habitats of Europe and the former USSR; brackish and coastal waters of Europe; coastal waters of Japan, Australia, and India; the Argentine Sea, the Baltic Sea; coastal waters of North America (Atlantic and Pacific), and a few inland habitats of North America.
2. Habitat:
 - Occurs in both freshwater and coastal brackish habitats
 - Recorded in the phytoplankton and periphyton
 - Eurythermal, experiencing optimal growth from 10°C—30°C (peaking at 21°C); associated positively with increasing temperatures
 - Associated with relatively polluted regions, increased oxygen demand and nutrient concentrations, red tides

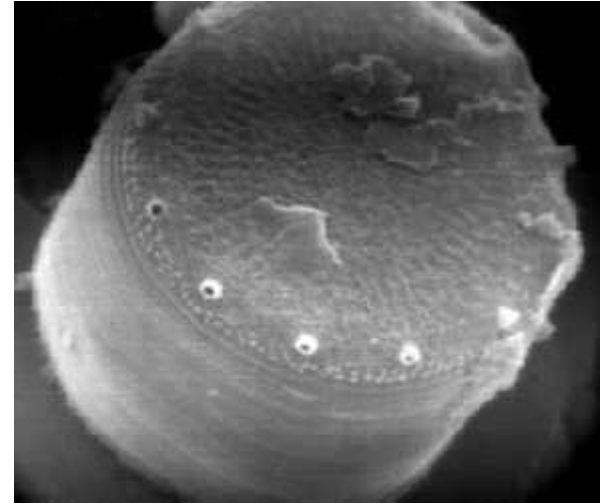


Photo: Rex Lowe
<http://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=1692>

Invasion Pathways

1. Likely ballast water release

Sources

1. <http://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=1692>